SPECULUM ANNI:

OR, AN

ALMANACK

For the Year of our

LORD GOD,

1709.

being the 1st after Bissextile or Leap-Year,

and from the Worlds Creation, 5711.

Wherein is contained the Births, Marriages, &c. and other valuable Remarks of several Kings, Princes and Potentates of *Europe*. The Planets, Eclipses, Terms both at *London* and *Cambridge*, the Moon's Rising and Setting, Inclination of the *Air*, and other things of Note.

Calculated properly for the Famous University and Town of *Cambridge*, where the North Pole is Elevated above the Horizon, 52 deg. and 12 min. but may indifferently serve for any place within *Great Britain*.

Cunctis qui placeat, non credo quòd modò vivat.

Printed by [illegible] for the Company of [illegible] 1709.

The Vulgar Notes and Moveable Feasts for the Year 1709, in both Accounts, *viz.*

Julian or English.			Gregorian or Foreign
	19	The Golden Number	19
	15	The Dominical Letters	F
	29	The Epact	18
	10	The Cycle of the Sun	10
March	6	Shrove-Sunday	*March*
April	24	Easter-day	*April*
June	2	Ascention-day	*May*
June	12	Whit-Sunday	*June*
Nov.	27	Advent-Sunday	*Decemb.*

A Table of the Terms with their Returns.

Hilary Term begins *January* 23, and ends *Febr.* 12, and hath 4 returns, *viz.*	Octab. Hilar. *Jan.* Quind. Hilar. *Jan.* Craft. Purif. *Feb.* Octab. Purif. *Feb.*
Easter Term begins *May* 11, and ends *June* 6, and hath 5 returns, *viz.*	Quind. Pasch. *May* Tref. Pasch. *May* Mens. Pasch. *May* Quinq. Pasch. *May* Craft. Ascen. *June*
Trinity Term begin *June* 24, and ends *July* 13, and hath 4 returns, *viz.*	Craft. Trin. *June* Octab. Trin. *June* Quind. Trin. *July* Tref. Trin. *July*
Michelmas Term begins *October* 23, and ends *November* 28, and hath 6 returns, *viz.*	Tref. Mich. *Oct.* Mens. Mich. *Oct.* Craft. Anim. *Nov.* Craft. Mart. *Nov.* Octab. Mart. *Nov.* Quind. Mart. *Nov.*

The Stated Days in the University of Cambridge.

All Saints, Christmas, Easter, Ascension, Whit Sunday, Trinity Sunday, Commencement, and the 29th of *May*; at the two Fairs proclaiming in *June* and *September*. The Feast of St. *Michael*, and the 5th *November*. To Funerals, Clerums, and to Supplications, all Doctors go as to Congregations. That is, in their Robes.

plain and eaſie Table ſhewing the true Intereſt due upon any Sum of Money from five Shillings to an Hundred Pounds for a Year or under, after the rate of Six Pounds in the Hundred.

	1 month.			3 months			6 months			9 months			A Year.		
	ſh	*p.*	*q*	*ſh.*	*p.*	*q*	*ſh.*	*p*	*q*	*ſh.*	*p.*	*q*	*ſh.*	*p.*	*q.*
5	0	0	1	0	0	3	0	1	3	0	1	0	0	3	1
10	0	0	2	0	1	3	0	3	2	0	5	0	0	7	1
15	0	0	3	0	2	2	0	5	1	0	8	2	0	10	1
1	0	1	0	0	3	2	0	7	0	0	10	2	1	2	1
2	0	2	1	0	7	0	0	2	1	1	9	1	2	4	1
3	0	3	2	0	10	2	1	9	1	2	7	3	3	6	3
4	0	4	3	1	2	1	2	4	2	3	6	3	4	9	0
5	0	6	0	1	6	0	3	0	0	4	6	0	6	0	0
6	0	7	0	1	9	2	3	7	0	5	4	2	7	2	1
7	0	8	1	2	1	0	4	2	1	6	3	1	8	4	1
8	0	9	2	2	4	2	4	9	1	7	1	3	9	6	3
9	0	10	3	2	8	1	5	4	2	8	0	3	10	9	0
	po.	*ſh.*	*p.*	*po*	*ſh.*	*p.*	*po.*	*ſh.*	*p.*	*po.*	*ſh.*	*p.*	*po.*	*ſh.*	*p.*
10	0	1	0	0	3	0	0	6	0	0	9	0	0	12	0
20	0	2	0	0	6	0	0	12	0	0	18	0	1	4	0
30	0	3	0	0	9	0	0	18	0	1	7	0	1	16	0
40	0	4	0	0	12	0	1	4	0	1	16	0	2	8	0
50	0	5	0	0	15	0	1	10	0	2	5	0	3	0	0
60	0	6	0	0	18	0	1	16	0	2	14	0	3	12	0
70	0	7	0	1	1	0	2	2	0	3	3	0	4	4	0
80	0	8	0	1	4	0	2	1	0	3	12	0	4	16	0
90	0	9	0	1	7	0	2	14	0	4	1	0	5	8	0
100	0	10	0	1	10	0	3	0	0	4	10	0	6	0	0

d the Principal in the firſt Column, and in the o- ou have the Intereſt due for one, three, ſix, nine, lve months.

A brief Concordance of Years, with some memorable thin
since the beginning of the Reign of Queen *Elizabeth*.

Anno Dom.	*An. Re.*	since	
1558	1	151	A Parliament called.
1559	2	150	Monasteries suppressed.
1560	3	149	Wars with *Scots* and *French*.
1561	4	148	*Paul's* Church-steeple burnt.
1562	5	147	Tempest and Earthquake.
1563	6	146	20000 died of the Plague in *London*.
1564	7	145	*Thames* frozen.
1565	8	144	Peace with *France*.
1566	9	143	King *James* born.
1567	10	142	Royal Exchange finished.
1568	11	141	A dry Summer.
1569	12	140	Rebellion in the North.
1570	13	139	Wars with *Scotland*.
1571	14	138	Earthquake in *Herefordshire*.
1572	15	137	Massacre in *France*.
1573	16	136	Earl of *Essex* goes to *Ireland*.
1574	17	135	Counterfeit Spirits punished.
1575	18	134	An Earthquake.
1576	19	133	*Forbisher's* North Voyage.
1577	20	132	Infection at *Oxford* Assizes.
1578	21	131	A great Snow.
1579	22	130	A curious Lock-Smith.
1580	23	129	Great Earthquake and Blazing Star.
1581	24	128	Three *Jesuits* executed.
1582	25	127	New Calendar began.
1583	26	126	Earthquake in *Dorsetshire*.
1584	27	125	*Nantwich* burnt.
1585	28	124	Tobacco first used in *England*.
1586	29	123	Ludgate new built.
1587	30	122	Blackwell Hall new built.

1589	121	*Spain*'s Armado overthrown.
1590	120	Duke of *Guiſe* murthered.
1593	119	Blaſphemous *Hacket* hanged.
1594	118	*Eaſt-India* Company began.
1595	117	The *Thames* almoſt dry.
1596	116	10636 died of the Plague in *London*.
1597	115	Great Tempeſt.
1598	114	Scarcity of Corn.
1599	113	Earl of *Eſſex* takes *Cadiz* in *Spain*.
1600	112	Wheat 13 ſhillings a Buſhel.
1601	111	Great Tempeſts and Froſt.
1602	110	Earl of *Eſſex* goes to *Ireland*.
1603	109	Embaſſadors from *Ruſſia* and *Barbary*.
1604	108	Earl of *Eſſex* beheaded.
1605	107	Queen *Elizabeth* dieth at *Richmond*.
		K. *James* I. began *March* 24. 1602.
1	106	30578 die of the Plague in *London*.
2	104	Peace with *Spain*.
3	103	Powder Plot.
4	102	King of *Denmark* came to *England*.
5	101	Moore-fields beautified.
6		Oath of Allegiance.
7	100	New Exchange in the Strand.
8	99	King of *France* murthered.
9	98	*Bartholomew Legat* an Arian burnt.
10	97	Lady *Eliz.* married. Prince *Henry* dies.
11	96	Artillery Company revived.
12	95	*Middleton*'s Water.
13	94	Smithfield paved.
14	93	*Charles* created Prince of *Wales*.
15	92	*Haddock* the ſleeping Preacher.
16	91	Sr. *Walter Rawleigh* decollated.
17	90	Queen *Anne* dies.
18	89	King of *Bohemia* overthrown.
19	88	*Philip* 3 King of *Spain* dies, *Phil.* 4 ſucceed.

1622	20	87	Prince *Charles* goes into *Spain*.
1623	21	86	Black Friers downfal.
1624	22	85	The Bloudy Cruelty at *Amboyna*.
1625	K. *Charles* I. began *March* 27. 4265, die, Pl. 354		
1626	2	83	War with *Spain* and *France*.
1627	3	82	Isle of *Rhees* Voyage.
1628	4	81	Duke of *Buckingham* stabb'd.
1629	5	80	*New England* planted.
1630	6	79	King *Charles* II. born.
1631	7	78	Battle at *L. Tilly* slain.
1632	8	77	*London*-Bridge burnt.
1633	9	76	*James* II. born *October* 14.
1634	10	75	Ship Money first Taxed.
1635	11	74	Old *Parr* died aged 160.
1636	12	73	*Dutch* take the *Spanish* Silver-Fleet.
1637	13	72	English Liturgy sent into *Scotland*.
1638	14	71	The *Scots* National Covenant.
1639	15	70	*Dutch* beat the *Spaniards* at *Dover*.
1640	16	69	The long Parliament began *Nov.* 3.
1641	17	68	The Earl of *Strafford* beheaded.
1642	18	67	*Edge-Hill* Fight.
1643	19	66	*Newberry* first Fight.
1644	20	65	*Newberry* second Fight.
1645	21	64	Arch-Bishop of *Canterbury* beheaded.
1646	22	63	Lord *Fairfax* takes *Oxford*.
1647	23	62	King taken by Parliament and Army.
1648	24	61	King traiterously beheaded. K. *Charles* Second begins *Jan.* 30.
1649	1	60	Powder-blow in Tower-street.
1650	2	59	King *Charles* II. Crowned in *Scotland*.
1651	3	58	*Worcester* Fight. *Love* beheaded.
1652	4	57	Wars with *Holland*.
1653	5	56	Old and New Parliament dissolved.
1654	6	55	Peace with *Holland*.

655	7	54	Wars with *Spain.*
656	8	53	Two Tides in 3 hours, Octob. 3.
657	9	52	*Mardike* taken by the *Engliſh* and *French.*
658	10	51	*Cromwell* died.
659	11	50	Sr. *George Booth,* and Gen. *Monk* for the King
660	12	49	King *Charles* II. joyfully reſtored.
661	13	48	King *Charles* II. Crowned, *April* 23.
662	14	47	Married to Queen *Katherine.*
663	15	46	King and Queen at *Windſor.*
664	16	45	Three blazing Stars ſeen.
665	17	44	97351 die, of the Plague 68586.
666	18	43	13200 Houſes burnt in *London.*
667	19	42	The *Dutch* Hoſtile Treaty.
668	19	41	E of *Clarendon* baniſh. *Abr. Cowley* died.
669	21	40	Prince of *Tuſcany* arrived in *England.*
670	22	39	Dutcheſs of *Orleance* died.
671	23	38	Dutch. of *York,* and E. of *Manchester* died.
672	24	37	War proclaimed with *Holland* by *Engliſh* and *French.* Earl of *Sandwich* ſlain.
673	25	36	Sr. *Edward Spragg* ſlain at Sea.
674	28	33	600 Houſes burnt in *Southwark.*
675	29	32	Prince of *Orange* married to the L. *Mary.*
676	30	31	Sr. *Edmund-Bury-Godfry* murdered.
677	32	29	A great Comet.
678	34	27	Another Comet.
679	36	26	A great 13 weeks froſt, with a Fair kept upon the frozen *Thames.*
K. *James* the II. began *Febr.* 6. The King and			
680	1	24	Queen Crowned *April* 23.
681	1	24	*Monmouth* Landed at *Lime,* June 11.
682	1	24	*Monmouth* beheaded, *July* 15.
683	4	21	K. *James* left the Kingdom in *December.*
K. *William* and Q. *Mary* Crowned, *April.* 11.			
684	1	7	Q. *Anne* Crowned, *April* 23.
685	2	6	The Great Wind, *November* 27.

January hath xxxi Days.

First quarter the 8 day, 37 min. past 2 in the morn.
Full Moon the 14 day, half an hour past 8 at night.
Last quarter the 21 day, 40 min. past 4 afternoon.
New Moon the 29 day, 25 min. past 5 at night.

1	a	Circumcision	22	♑ 15	Aqua.	9	Snow or	5 A.
2	b	Octab. Steph.	23	16		21	Rain.	6
3	c	Octab. John.	24	17	Piſces	2	Dark clou	7
4	d	Octab. Innoc.	25	18		14	A ſharp	8
5	e	Simeon	26	19		26	☌♂☿☽	10
6	f		27	20	Aries	9	♋. froſty	11
7	g	Fælic. &c.	28	21		22	ſeaſon.	12
8	a	Echard	29	22	Taur.	4	The Wea.	0 M
9	b		0	♒ 23		17	□☉♃.	2
10	c	Agathus	1	24	Gem.	1	rem. cold	3
11	d	Francon.	2	25		16	and froſty	5
12	e	Satirius	3	26	Canc.	0	☍ ♄ ♀.	6
13	f	Hilary	4	27		15	More ſnow	7
14	g	Fælix	5	28	Leo	0	or cold Ra	
15	a	Maurice	6	29		16	now about	5
16	b		7	30	Virgo	1	✶♃♀.	6
17	c	Anthony	8	31		15	A contin.	8
18	d	Pontian.	9	32		30	□♃☿☽	9
19	e	Fab. Seb.	10	33	Libra	14	♋. of cold	11
20	f	Octab. Hilar.	11	34		27	☍↗♀.	12
21	g	Agneta	12	34	Scor.	10	winterly	0 M
22	a	Vincent.	13	35		23	weather.	1
23	b		14	36	Sagit.	6	No great	3
24	c		15	37		18	amendm.	4
25	d		16	37	Capri.	0	☍↗☽ 10.	5
26	e	Polycarp	17	38		12	at preſent.	6
27	f	Quind. Hilar.	18	39		24	Towards	6
28	g	Julian	19	40	Aqua.	6	the end ex-	7
29	a	Valerius	20	40		17	pect wet	
30	b		21	41		30	ſlabby	5 A
31	c	Saturn	22	42	Piſces	12	weather.	6

Sun Rises. H.	M.	Sun Sets. H	M
8	4	3	56
8	3	3	57
8	2	3	58
8	0	4	0
7	59	4	1
7	58	4	2
7	57	4	3
7	55	4	5
7	54	4	6
7	52	4	8
7	50	4	10
7	48	4	12
7	46	4	14
7	44	4	16
7	42	4	18
7	40	4	20
7	38	4	22
7	36	4	24
7	34	4	26
7	32	4	28
7	30	4	30
7	28	4	32
7	26	4	34
7	24	4	36
7	23	4	37
7	21	4	39
7	19	4	41
7	18	4	42
7	17	4	43
7	16	4	44
7	15	4	45

January 1709.

Cambridge Term begins the 13 day.

The continuance (according to my promise) of the Births, Marriages, and other valuable Remarks of the Kings, Princes and Potentates of *Europe*.

BADEN.

PRince *Lewis* of *Baden* was born 1655, and is a *Roman Catholick*; he Married *Ann Mary*, the late Duke of *Saxe Lawenburg*'s Daughter in the Year 1691. He has had several Children by her. He is a Prince that hath done Great and Honourable Things throughout *Europe*, by his Conduct and Courage in this late War, both against the *Turks* and *French*: He had several Uncles and Aunts, but the most famous and celebrated of them was Prince *Herman* of *Baden*, the Emperour's chief Commissioner at the Diet of *Ratisbonne*, and was a very great Statesman, who died in the Year 1691.

BAVARIA.

MAximilian Elector of *Bavaria*, was born in the Year 1662; he was first Married

February hath xxviii days.

First quarter the 6 day, 45 min. past 2 afternoon.
Full Moon the 13 day, 25 min. past 5 in the morn.
Last quarter the 20 day, 40 min. past 7 in the morn.
New Moon the 28 day, at noon.

M.	W.	Festival days with Terms.	☉ place d.	m.	Moons place.	Inclinatiõ of the Air.	☽ R & S
1	d	Bridget.	23 ♒	43	Pisces 24	♂ ☉ ☿ ☽	8 A.
2	e	Purif. V. M.	24	43	Aries 6	♋. △ ♄ ♀	9
3	f	Craft. Purif.	25	44	19	△ ☉ ♄. cl.	10
4	g	Gilbert	26	45	Taur. 1	fro weath	11
5	a	Agatha	27	45	14	△ ♃ ☿.	1 M.
6	b	Q. Ann born	28	46	27	Pleas. & se.	1
7	c	Will. B. Y.	29	46	Gem. 11	△ ♂ ☿.	2
8	d	Sun in Pisces	0 ♓	47	25	△ ♃ ☉. A	3
9	e	Octab. Purif.	1	47	Canc. 9	□ ♆ ♀ ve.	5
10	f	Scholast.	2	47	24	ry mod. se	5
11	g	Sother.	3	48	Leo 9	☽ Perig.	6
12	a	Terms ends	4	48	24		6
13	b	6 aft. Epiph.	5	48	Virgo 9	Overc. for	☽ R
14	c	Valentine	6	48	24	♂ ☉ ♂. ☽	6 A.
15	d	Faustin.	7	48	Libra 9	♋. Snow	8
16	e	Polycron	8	49	23	or Rain.	10
17	f	Hugo	9	49	Scorp. 6	Fair but	11
18	g	Sabina	10	49	20	□ ♄ ☿.	1 M.
19	a	Roman	11	49	Sagit. 2	cold & fr.	2
20	b	Septuagesima	12	49	15	some days	
21	c	Sept N. M.	13	49	27	♀ ♂ ☽ 20	3
22	d	Juliana	14	49	Capri. 9	Unconst.	4
23	e	Polycarp	15	49	21	weather.	4
24	f	S. Matthias	16	49	Aqua. 3	△ ♄ ☽ 22	5
25	g	Inv. Paul	17	48	15	Winds rai-	5
26	a	Simeon	18	48	27	sing clouds	5
27	b	Sexagesima	19	48	Pisces 9	prod. rain	6
28	c	Oswald	20	48	21	now about	

Sun Rises. H. M.	Sun Sets. H. M.	
7 14	4	Married to *Mary Antonia*, the Empe-
7 12	4	rour's eldeſt Daughter, by whom he
7 10	5	has no Child living; then in the Year
7 8	5	1695 he Married to the Daughter of
7 6	5	the late King of *Poland*, by whom he
7 4	5	has had eight Sons and one Daughter.
7 2	5	He has only one Brother living, *viz.*
7 0	6	*Joſeph* Elector of *Cologn*, and Biſhop and
6 59	5	Prince of *Leige*, who was born 1671,
6 57	5	and expell'd his Country in the Year
6 55	5	1703, and now lives in the *Spaniſh Ne-*
6 54	5	*therlands*; and a Siſter named *Violante*
6 52	5	*Beatrix*, who was born 1673, and Mar-
6 50	5	ried in the Year 1688 to *Gaſton*, eldeſt
6 48	5	Son to the Duke of *Tuſcany*. He was
6 46	5	made Governour of the *Spaniſh Nether-*
6 44	5	*lands* in the late War, and continued
6 42	5	the ſaid Government till *March* 1701,
6 40	5	at which time he received a Letter
6 38	5	from the *French* King which required
6 36	5	his return to his own Country, where
6 34	5	he continued till *Auguſt* 1704, at which
6 32	5	time he was expelled his own Country,
6 30	5	lives now upon his Government in the
6 28	5	*Spaniſh Netherlands*.
6 26	5	
6 24	5	
6 22	5	

HESSE.

March hath xxxi days.

First quarter the 8 day, 9 min before 1 in the morn.
Full Moon the 14 day, at 4 afternoon.
Last quarter the 22 day, 3 min. past 2 in the morn.
New Moon the 30 day, 20 min. past 3 in the morn.

1	D	David	21	♓	48	Aries	3	☐ ♂ ☿.	7 A.
2	E	Chad B.	22		47		16	Rough	8
3	F	Maurice	23		47		28	ſtormy	9
4	G	Adrian	24		47	Taur.	11	weather.	11
5	a	Phocas	25		46		24	☐ ♄ ☉.	12
6	b	Shrove Sund.	26		46	Gem.	7	Cold and	0 M.
7	c	Perpetua.	27		45		21	dark wea-	1
8	d	Q. Ann. Procl.	28		45	Canc.	5	ſome days	3
9	e	Aſh-Wedneſ.	29		41		19	☐ ♂ ☿.	3
10	f	Sun in Arie	0	♈	43	Leo	3	△ ☉ ☽.	4
11	G	40 Mart.	1		43		18	Windy &	4
12	a	Gregory	2		42	Virgo	3	flying ſho.	5
13	b	Quadrageſ.	3		42		17	☽ ☍ Rain	5
14	c	Theodore	4		41	Libra	2	or ſleet of	Rain
15	d	Longinus	5		41		17	Snow.	7 A.
16	e	Ember Week	6		40	Scorp.	1	♂ ☉ ☿.	9
17	f	Gertrude	7		40		15	△ ♂ ♀.	10
18	g	Edward	8		39		28	Warm, fair	12
19	a	Joſeph	9		38	Sagit.	11	△ ☉ ☽	0 M.
20	b	2 Sund. Lent	10		37		23	& ſeaſona-	1
21	c	Benedict	11		36	Capr.	5	ble.	2
22	d	Paulinus	12		35		17	Cloudy but	3
23	e	Theodore	13		34		29	no rain at	3
24	f	Richard	14		33	Aqua.	11	preſ. ſome-	3
25	g	Lady-day	15		32		23	what win.	4
26	a	Caſtor	16		30	Piſces	5	✶ ♂ ♀.	4
27	b	3 Sun. in Lent	17		29		17	☽ ☊ Gen-	4
28	c	Rupert	18		28		29	tle winds.	4
29	d	Quintin	19		27	Aries	12	☐ ☉ ♂	4
30	e	Felix	20		25		25	△ ♄ ♃	
31	f	Balbine	21		24	Taur.	8	Fruitf. ſho.	9 A.

Sun Rises.		Sun Sets.	
H.	M.	H.	M.
6	19	5	41
6	17	5	43
6	14	5	46
6	12	5	48
6	10	5	50
6	8	5	52
6	6	5	54
6	4	5	56
6	2	5	58
6	0	6	0
5	58	6	2
5	56	6	4
5	54	6	6
5	52	6	8
5	50	6	10
5	48	6	12
5	46	6	14
5	44	6	16
5	42	6	18
5	40	6	20
5	38	6	22
5	36	6	24
5	34	6	26
5	32	6	28
5	30	6	30
5	28	6	32
5	26	6	34
5	24	6	36
5	22	6	38
5	20	6	40
5	18	6	42

March 1709.

Commencement for Bachelors in Arts the 10 day.

HESSE.

Ernest Lewis the Landgrave of *Hesse-Darmstat*, was born in the Year 1667, he was Married in 1687 to *Charlotte*, Daughter of *Albert* Marquis of *Brandenburgh Anspach*; he has several Brothers and Sisters, whereof his Brother *George* signaliz'd himself in our late Wars in *Ireland*, and afterwards in the *Spanish* Service; and in the Year 1702 was engaged in the Expedition to *Cadiz* in 1704; he also made a noble defence at *Gibralter*, and in the Year 1705 was killed before *Barcelona*. There is also a Prince of this House called *Philip*, who in the Campaign 1702 acted as Colonel in the Service of the Confederates, and is now with *Charles* III. in *Spain*.

LORRAIN.

Leopoldus Josephus, &c. Duke of *Lorraign*, Son of the famous *Charles* V.

April hath xxx days.

First quarter the 6 day, 50 min. past 7 morn.
Full Moon the 13 day, 52 min past 2 in the morn.
Last quarter the 20 day, 45 min. past 7 at night.
New Moon the 28 day, 51 min. past 3 afternoon.

1	g	Theodore	22 ♈	22	Taur.	21	Brisk wind
2	a	Mar. Egypt.	23	21	Gem.	4	clearing
3	b	Mid-lent Sun	24	20		18	the air.
4	c	Ambrose	25	18	Canc.	2	High winds
5	d	Martina	26	17		15	☌ ☿ ☉. &
6	e	Sixtus	27	15		29	✶ ♄ ☉.
7	f	Euphem	28	14	Leo	14	☽ Perig.
8	g	Dionysius	29	12		29	course we.
9	a	Sun in Taur.	0 ♉	10	Virgo	12	☽ ☋. Ov
10	b	☽ Sun. in Lent	1	9		27	cast. Some
11	c	Apollin.	2	7	Libra	11	□ ♃ ♂.
12	d	Julius	3	5		25	mod. sho.
13	e	Sother	4	4	Scorp.	9	Hasty sho-
14	f	Tiburtia	5	2		23	ers now
15	g	Perpetua	6	0	Sagit.	5	abours.
16	a	Isidorus	6	58		19	A fruitful
17	b	Palm-Sund.	7	56	Capr.	1	Spring.
18	c	Eluther.	8	55		13	□ ♃ ♀.
19	d	Timothy	9	53		25	Cloudy.
20	e	Ananias	10	51	Aqua.	7	
21	f	Simeon	11	49		19	☽ Apog.
22	g	Good Friday	12	47	Pisces	1	✶ ♄ ☿
23	a	S. GEORGE	13	45		13	☽ ☋. Fair
24	b	Easter day	14	43		25	□ ♂ ♀ &
25	c	S. Mark	15	41	Aries	7	seasonable
26	d	Cletus B.	16	39		20	□ ♃ ☿.
27	e	Anastas.	17	37	Taur.	3	Winds rai
28	f	Vitalis, M	18	35		16	sing clouds
29	g	Pet. de Mil.	19	33	Gem.	0	Rain follo.
30	a	Dep. Erkin.	20	31		14	✶ ♄ ☿.

Sun Rises. H. M.	Sun Sets. H. M	April 1709. *Cambridge* Term ends the 15 day. The latter Act the 7 day.
5 16	6 44	and *Eleonora Maria Josepha* of *Austria*,
5 14	6 46	Sister to the late Emperor *Leopold*,
5 12	6 48	and Daughter of *Michael*, late King of
5 10	6 50	*Poland* (deceased in *May* 1697) he was
5 8	6 52	born in the Year 1679, and restored to
5 6	6 54	his Father's Dominions by the Treaty
5 4	6 56	of *Reswick* in 1697, and the next Year
5 2	6 58	after he was married to the Daughter of
5 0	7 0	the Duke of *Orleant*, by whom he has
4 58	7 2	had one Son entituled the Prince of
4 56	7 4	*Bar*, who was born in the Year 1699,
4 54	7 6	and died in 1701, and a Daughter born
4 52	7 8	*November* 1701, and another Son now
4 50	7 10	living that was born in *February* 1704.
4 48	7 12	He has four Brothers, *Josephus Johannes*,
4 46	7 14	*&c.* who was born in 1680, and cho-
4 44	7 16	sen Bishop of *Osnabrug* in the Year 1698;
4 42	7 18	the next *Ferdinand Josephus*, &c. was
4 40	7 20	born 1683, and the next Brother *Jose-*
3 39	7 21	*phus Innocentius*, &c. was born in 1685,
3 37	7 23	and lost his life in 1705 in *Italy* in the
3 35	7 25	Battle of *Cossano*; and the fourth Bro-
3 33	7 27	ther *Franciscus Antonius*, &c. was born
3 32	7 28	in the Year 1689. *Charles* Duke of *Lo-*
3 30	7 30	*rain*, the present Duke's great Uncle,
2 28	7 32	was deprived of his Estate for some Years
2 27	7 33	by the *French* King, but was reinvested
2 25	7 35	*March* 3, 1661.
2 23	7 37	
2 22	7 38	

MODENA

May hath xxxi days.

First quarter the 5 day, 20 min. past 2 afternoon.
Full Moon the 12 day, 15 min. past 2 afternoon.
Last quarter the 20 day, at 3 afternoon
New Moon the 28 day, 10 min. before 1 in the morn.

1	♋	Phil. & Jac.	21	♉	28	Gem.	28	Low-Sun	12 M.
2	c	Athanaſ.	22		26	Canc.	12	Warm &	0
3	d	Invent. Cru.	23		24		26	pleaſ. wea	0
4	e	Chriſtoph.	24		22	Leo	10	☐ ☌ ☿.	1
5	f	Gothard	25		19		24	☽ Perig.	1
6	g	John P. L.	26		17	Virgo	8	Hot weath.	1
7	a	J. Beverly	27		15		22	☽ ♍ hold	1
8	♋	2 aſt. Eaſter	28		12	Libra	6	△ ☉ ☽ 9.	2
9	c	Quind. Paſch.	29		10		20	Soft winds	2
10	d	Sun in Gem.	0	♊	8	Scorp.	4	now over-	2
11	e	Term begin.	1		5		18	caſt.	2
12	f	Nereus	2		3	Sagit.	1	Some mo-	
13	g	Servatius	3		1		14	der. ſhow-	10 A.
14	a	Boniface	3		58		27	ers of rain	11
15	♋	3 S. aft. Eaſter	4		55	Capr.	9	☌ ☿ ☿.	11
16	c	Treſ. Paſch.	5		53		21	attends us.	12
17	d	Torpetus	6		50	Aqua.	3	A cool	0 M.
18	e	Dionyſius	7		47		15	time for	0
19	f	Potentia	8		45		27	ſome days.	0
20	g	Dunſtan	9		42	Piſces	8	A calm &	0
21	a	Helena	10		39		20	☽ ♋. ſea-	0
22	♋	4 S. aft. Eaſter	11		37	Aries	3	☌ ☉ ☿.	1
23	c	Menſ. Paſch.	12		34		15	ſona. time.	1
24	d	Adelm.	13		31		28	✶ ☌ ☿.	1
25	e	Urban	14		29	Taur.	11	Pleaſant	1
26	f	Diaſcord.	15		27		25	△ ♃ ☿.	1
27	g	Beda, V.	16		24	Gem.	8	gr. weather	2
28	a	German	17		21		21	Refreſhing	
29	♋	Rogat. Sund	18		18	Canc.	3	K. Ch. II.	10 A.
30	c	Quinq. Paſch.	19		15		22	ſhowers.	11
31	d	Petronel.	20		12	Leo	7	✶ ♅ ☌.	11

Sun Rises. H.	M.	Sun Sets. H.	M.	May 1709.
				Cambridge Term begins the 4 day.
4	20	7	40	
4	19	7	41	
4	18	7	42	
4	16	7	44	
4	15	7	45	
4	13	7	47	
4	12	7	48	
4	11	7	49	
4	9	7	51	
4	8	7	52	
4	6	7	54	
4	5	7	55	
4	3	7	57	
4	2	7	58	
4	1	7	59	
3	59	8	1	
3	58	8	2	
3	57	8	3	
3	56	8	4	
3	55	8	5	
3	54	8	6	
3	53	8	7	
3	52	8	8	
3	51	8	9	
3	50	8	10	
3	49	8	11	
3	48	8	12	
3	47	8	13	
3	47	8	13	
3	46	8	14	
3	46	8	14	

MODENA.

ALMERICK Cardinal *de Este*, Duke of *Modena*, who upon the death of his Nephew about the year 1655, laid down the Purple, and assumed the Dutchy and Married *Anna* a Daughter of *John Fredrick*, late Duke of *Hanover* in 1695, they having three Daughters, *viz.* *Benedetta Ernesta Maria*, She was born 1697, the Second Daughter was born 1698, who retains the Name of *Francesco Maria*, the Third Daughter *Amalia Ginseppa* was born 1699, and a Son named *Gio Frederico Ernesto*, who was born in the year 1700, his Sister is *Mary Eleanor Beatrix*, who was Married in the year 1673 to *James* Duke of *York*, afterwards King of *England*, who abdicated the Throne in 1688, and retired into *France*, where She now remains his widdow.

MUSCOVY.

PETER Alexovitz, Czar of *Muscovy*, the Son of *Alexis Michaelovitz*, who was born 1670, he succeeded his eldest

June hath xxx days.

First quarter the 3 day, 53 min. past 6 afternoon.
Full Moon the 11 day, 50 min. past 2 in the morn.
Last quarter the 19 day, 5 min. past 6 in the morn.
New Moon the 26 day, at 10 in the morning.

1	e	Nicomed.	21	♊	9	Leo	21	☽ Perig.	11 A
2	f	Ascension day	22		6	Virg.	5	△☉♃.	12
3	g	Craft Ascen.	23		4		19	☽☌♋ Very	0 M
4	a	Petroclus	24		1	Libr.	3	△♃☿ hot	0
5	b	6 S. aft. Easter	24		58		17	✶☉♂.	0
6	c	Feamends	25		55	Scorp.	0	No great	0
7	d	Wolstan	26		52		14	✶♂☿ al-	0
8	e	Medardus	27		49		27	teration at	0
9	f	Edmond	28		46	Sagit.	10	present.	1
10	g	Gotthius	29		44		23	□♃☿.	1
11	d	Sun in Canc.	0	♋	41	Capr.	5	S. Barnab.	☽
12	b	Whit-Sunday	1		38		17	♂☉☿.	10 A
13	c	Cyrillus	2		36		29	Pleasnt sh.	10
14	d	Basil E. P.	3		33	Aqua.	11	of rain.	10
15	e	Vitus, &c.	4		30		23	☽ Apog.	10
16	f	Richard	5		27	Pisces	5	♂♄☿	11
17	g	Botolph.	6		24		16	♂☉♄.	11
18	a	Marcus	7		21		28	☽☊.	11
19	b	Trinity Sund	8		19	Aries	10	Fair & fit-	11
20	c	Craft. Trin.	9		16		23	ting the	11
21	d	Walburg	10		13	Taur.	6	Season.	11
22	e	Alban	11		10		19	Now o'erc.	12
23	f	John & Paul	12		8	Gem.	3	At or ab.	0
24	g	S. John Bapt.	13		5		17	the n. Moō	0
25	a	Term begins	14		2	Canc.	1	expect ha-	1
26	b	1 Sraft. Trin	14		59		16	sty show'r.	☽
27	c	Octab. Trin.	15		56	Leo	1	✶♄♂.	9
28	d	Leo	16		53		16	□♃☿. cl.	9
29	e	S. Pet. & Paul	17		50	Virgo	1	☽ Perig &	10
30	f	Com. Paul	18		48		15	☾☋. cool.	10

Sun Rises. H. M.	Sun Sets. H. M.	
7 5	8 15	B other *Fedor Alexovitz* jointly with his
45	8 15	elder Brother *John*, who dying about
44	8 16	1694, he took the whole Administration
44	8 16	upon him, and was Married in 1688 to
44	8 16	a Daughter of one of his Military Offi-
43	8 17	cers, by whom he has one Son called
43	8 17	*Peter*, he was born on the 27 day of
43	8 17	*March* 1689; he has one Sister named
43	8 17	*Sophia*, a Lady of a Masculine Body and
43	8 17	Temper.
43	8 17	
43	8 17	
43	8 17	
43	8 17	
43	8 17	

PALATINE.

43	8 17	THE *Palatine* and Families of the *Ba-*
44	8 16	*varians* are known to have had both
44	8 16	their Rise from *Otho* Earl of *Whittles-*
44	8 16	*bach* and *Schyre*, who was created Duke
45	8 15	of *Bavaria* by the Emperor *Frederick*
45	8 15	*Barbaroſſa*, *Anno* 1180, and had both the
46	8 14	*Bavaria's*, as well the *Upper* as *Lower*
46	8 14	granted him for ever. His Grandson *O-*
47	8 13	*tho* Married *Agnes*, ſole Daughter and
48	8 12	Heireſs to *Henry* the younger Prince *Pa-*
48	8 12	*latine* of the *Rhine*, and by reaſon there-
49	8 11	of obtained of the Emperor *Frederick* II.
50	8 10	the Inveſtiture of that *Palatinate* toge-
50	8 10	ther with the Electoral Dignity in the
51	8 9	Year 1227, his eldeſt Son was *Lewis* the
52	8 8	Severe, born the 13 day of *April* 1229,

First quarter the 2 day, 10 min. after midnight.
Full Moon the 10 day, 45 min. past 4 afternoon.
Last quarter the 18 day, 40 min. past 8 at night.
New Moon the 25 day, 45 min. past 4 afternoon.

1	g	Tr. Sirith	19 ♋	45	Virg.	30	Fair but
2	a	Mary Uel.	20	42	Libra	14	windy for
3			21	39		27	ſome days.
4	c	Quind. Trin.	22	37	Scorp.	11	☐ ♃ ☉.
5	d	Anſelm	23	34		24	△ ♄ ☽.
6	e	Oct. Pet.	24	31	Sagit.	6	Overcaſt
7	f	Treſ. Trin.	25	28		19	for rain.
8	g	Grimbald	26	26	Capr.	2	Rain perh.
9	a	Cyrillius	27	23		14	with thun-
10			28	20		26	der and
11	c	Benedict	29	17	Aqua.	8	lightning.
12	d		0 ♌	15		20	Corruſca-
13	e		1	12	Piſces	1	tions or
14	f	Bonaventure	2	9		13	☽ ☊. Ev'n
15	g	Swithin	3	7		25	Lightning
16	a	Oſmond	4	4	Aries	7	Miſtymor.
17			5	1		19	♂ ♀ ☿.
18	c	Arnolph	5	59	Taur.	2	♂ ♃ ☽.
19	d		6	56		14	Fair & ſea-
20	e	Ruffinus	7	53		28	ſonab. we.
21	f	Margaret	8	50	Gem.	11	△ ♃ ☽.
22	g	Praxeda	9	48		25	☐ ♂ ☽.
23	a	Apollin	10	45	Cane.	10	Hot & dry
24			11	43		25	♂ ☉ ☿.
25	c	S. James	12	40	Leo	10	✶ ♃ ☿.
26	d	Anna	13	37		25	Overcaſt f.
27	e	Coſm. Dam.	14	35	Virgo	10	☽ ☋. rain
28	f	Fælix	15	32		25	✶ ♄ ☽.
29	g	Martha	16	30	Libra	9	Moderate
30	a	Abdon	17	28		24	weath. to
31			18	26	Scorp.	7	M's end.

Cambridge Term ends the 8 day.

Sun Rises. H.	M	Sun Sets. H.	M	
5	3	8	7	who left two Sons, *viz. Rudolph*, *Anno*
5	4	8	6	1274, who ſucceeded his Father *Lewis*
5	5	8	5	in the Palatinate and Electoral Dignity,
5	6	8	4	and was Author of the *Rudolphine* Line
5	7	8	3	of the *Palatinate Family*: Secondly,
5	8	8	2	*Lewis*, who was Author of the *Bavarian*
5	9	8	1	Line of the ſaid Family, deſcended from
1	7	59		the aforeſaid *Rudolph*.
2	7	58		*John William Joſeph* the preſent Ele-
3	7	57		ctor *Palatine*, and Duke of *Newburg* and
5	7	55		grand Treaſurer of the Empire, ſuc-
6	7	54		ceeded his Father in 1690; he Married
8	7	52		the Daughter of *Coſmus* III. now Grand
9	7	51		Duke of *Florence*, in 1691: He has three
11	7	49		Brothers and four Siſters living. The
12	7	48		Brothers are, *Charles Philip* who was
14	7	46		born 1661, he was Married in 1678 to
15	7	45		*Lowis Charlotte de Ratzeville*, Widow
17	7	43		of *Lewis* Marqueſs of *Brandenburg*. The
18	7	42		ſecond Brother, *Alexander Sigiſmund*,
19	7	41		was born the 16 day of *April*, 1663,
20	7	40		and choſen Biſhop of *Ausburg* in 1690.
22	7	38		before that he was Preſident of the Chap
23	7	37		ter of *Conſtance*. *Francis Lewis* was born
25	7	35		in 1664, and was made Biſhop of *Bre-*
27	7	33		*ſlaw* in 1683, and upon the death of his
29	7	31		Brother *Lewis* was choſen Maſter of the
31	7	29		*Teutonick Order* in the Year 1694. There
32	7	28		was another Brother *Philip Auguſtus*,
34	7	26		who was born in 1686, and died in *Bo-*
36	7	24		

Auguſt hath xxxi days.

Firſt quarter the 1 day, at 10 in the morning.
Full Moon the 9 day, 45 min. paſt 8 in the morn.
Laſt quarter the 17 day, 50 min. paſt 10 in the morn.
New Moon the 24 day, 25 min. paſt 1 in the morn.
Firſt quarter the 30 day, 20 min. paſt 9 at night.

1	c	Lammas day	19	♌	24	Scorp.	20	High wind	9
2	d	Stephen	20		21	Sagit.	3	but fair	9
3	e	Invent. Step.	21		19		16	☌☉☽.	
4	f	Dominic	22		17		29	✶♅☽.	
5	g	Feſt. Nevis	23		15	Capr.	11	Good Har-	12
6	a	Sixtus	24		13		23	veſt wearh.	2
7	b	17 S. aft. Trin.	25		11	Aqua.	5	at preſent.	11
8	c	Cyriacus	26		8		16	✶☉♅	3
9	d	Roman	27		6		28	✶♄♀.	3
10	e	S. Laurence	28		4	Piſces	10	☽☍. Mo-	7
11	f	Tiburtius	29		2		21	derate ſho.	7
12	g	Sun in Virgo	0	♍	0	Aries	4	of rain abt.	7
13	a	Hypolyt	0		58		16	this time	3
14	b	18 S. aft. Trin.	1		55		28	☌☉☽.	8
15	c	Aſſum. V. M.	2		53	Taur.	11	☌♅☽.	8
16	d	Rochus	3		51		23	Fair & fa-	8
17	e	Mammes	4		49	Gem.	6	vourable	9
18	f	Helena	5		47		20	forHarveſt.	10
19	g	Mag. Mart.	6		46	Canc.	4	Cloudy	11
20	a	Bernard	7		44		18	but fair at	12
21	b	19 S. aft. Trin.	8		42	Leo	3	preſent	2
22	c	Simphor.	9		40		18	☽ Perig.	2
23	d	Zachary	10		38	Virgo	3	☉Ecl Inv.	4
24	e	S. Bartholm.	11		36		18	✶♅♀.	
25	f	Ludovic.	12		35	Libra	4	☽☍. Stor-	7
26	g	Severin	13		33		18	my & wet.	7
27	a	Dog days end	14		31	Scorp.	3	✶♄☉.	7
28	b	10 aft. Trin	15		30		17	Variable &	7
29	c	Decol. I. B.	16		28		30	very un-	8
30	d	Fælix	17		27	Sagit.	13	conſtant	8
31	e	Paulinus	18		26		26	weather.	9

H. M. H. M.

hemia in the Year 1693, where he had
Married *Ann Mary Francis*, Daughter to
Julius Duke of *Sax-Lawenburg* in 1690,
and left by her two Daughters, *viz.*
Leopoldina who was born 1691, and
Mary who was born 1693. His Siſters
now living are *Leonora Magdelen Thereſia*
who was born in 1655, and Married to
the laſt Emperor *Leopold* in 1667. *Mary*
Ann was born in the Year 1667 and
Married to *Charles* II. King of *Spain* in
1689, and is now his Widow. *Dorothy*
Sophia was born 1670, and was Married
in 1698 to the preſent Duke of *Parma*.
Hedwig Sophia Amalia was born 1673,
and Married to *James* eldeſt Son of the
late King of *Poland*.

PARMA.

FRANCIS V. Duke of *Parma*, Son of *Rainutio* or *Rudolphus* II. was born in the Year 1678, and Married to a Daughter of the Elector *Palatine*, who was formerly Married to his elder Brother. He has ſtill living a younger Brother named *Gio Franciſco Farneſe*,

Full Moon the 8 day, at 2 in the morning.
Last quarter the 15 day, 50 min. past 6 at night.
New Moon the 22 day, at 10 in the morning.
First quarter the 29 day, 45 min. past noon.

1	f	Ægidius	19 ♍	24	Capr.	8	Ruffling
2	g	Anthony	20	23		20	windsdark
3	a	Mamret	21	22	Aqua.	2	☐ ♄ ♀. &
4	B	11 aft. Trin.	22	20		13	cloudy.
5	c	Bertinus	23	19		25	☌ ☉ ☿.
6	d	Magnus	24	17	Piſces	7	☽ Apog.
7	e	Regina	25	16		19	☽ ☊. wind
8	f	Nat. V. M.	26	15	Aries	1	& driving
9	g	Gorgon	27	14		13	Rains.
10	a	Hilar. Pa.	28	13		25	Moiſt driz
11	B	12 aft. Trin.	29	11	Taur.	8	ling wea
12	c	Sun in Libra	0	♎ 10		20	☆ ☉ ☽.
13	d	Amatus	1	9	Gem.	3	ther.
14	e	Exalt. Crucis	2	8		16	☌ ☌ ♀.
15	f	Nicodem.	3	7		29	Good wea
16	g	Edith	4	6	Canc.	13	comes on
17	a	Lambert	5	5		27	☐ ♄ ☿.
18	B	13 aft. Trin.	6	4	Leo	12	☌ ♃ ♀. &
19	c	Januar.	7	3		27	☽ Perig.
20	d	Fauſta	8	2	Virgo	12	☽ ☋. hold
21	e	S. Matthew	9	2		27	Some little
22	f	Ember Week	10	1	Libra	12	ſmall rain.
23	g	Tecla V.	11	0		27	☌ ☌ ☽.
24	a	Rupertus	11	59	Scorp.	11	♄ ♀ ☽.
25	B	14 S. aft Trin	12	58		25	Somewhat
26	c	Cyprian	13	57	Sagit.	9	cloudy &
27	d	Coſm. Da.	14	57		22	winds.
28	e	Wenceſl.	15	56	Capr.	4	☐ ♄ ☉.
29	f	S. Michael	16	55		17	△ ♄ ♀.
30	g	Hieron.	17	55		29	Stormy.

Sun Rises. H. M.	Sun Sets. H. M.	
		Sturbridge Fair begins the 8 day.
5 38	5 22	who was born 1679, who went but
5 40	6 20	lately under the Name of the Marquess
5 42	5 18	*de Sala* in *France* and the *Netherlands*.
5 44	6 16	
5 46	5 14	
5 48	5 12	
5 50	5 10	
5 52	5 8	
5 54	5 6	
5 56	5 4	
5 58	5 2	
6 0	5 0	
6 2	5 58	
6 4	5 56	
6 6	5 54	
6 8	5 52	
6 10	5 50	
6 12	5 48	
6 14	5 46	
6 16	5 44	
6 18	5 42	
6 20	5 40	
6 22	5 38	
6 24	5 36	
6 26	5 34	
6 28	5 32	
6 30	5 30	
6 32	5 28	
6 34	5 26	
6 36	5 24	

SAXONY.

FREDERICK Auguſtus, Elector of *Saxony*, was born the 12 day of *May* 1670, he ſucceeded his Brother *John George* IV. in the Electorate in 1694; he Married *Chriſtiana Eberhardine*, Daughter to the Margrave of *Brandenburg Bareith*, by whom he has one Son, *Frederick Auguſtus*, who was born in the Year 1696. This Elector turned *Roman Catholick* and was choſen King of *Poland* in the Year 1697.

His Titles are,

Frederick Auguſtus, by the Grace of God, Duke of *Saxony*, *Juliers*, *Cleves* and *Mons*, *Angria* and *Weſtphalia*, Grand Marſhal of the Sacred *Roman* Empire, and Elector, Landgrave of *Thuring*; Marqueſs of *Miſnia*, and of both the Upper and Lower *Luſatia*'s; Count and Prince of *Henneberg*, Burgrave of *Magdeburg*; Count of *Marck*, *Ravensberg* and *Barby*, Lord of *Ravenſtein*, &c.

TUSCANY.

October hath xxxi days.

Full Moon the 7 day, 20 min. past 5 afternoon.
Last quarter the 15 day, 30 min. past 3 in the morn.
New Moon the 21 day, 45 min. past 7 at night.
First quarter the 29 day, 40 min. past 8 in the morn.

1	a	Remigius	18	♎ 53	Aqua.	10	Misty, drif	12
2	b	15 aft. Trin.	19	55		22	☌ ♃ ☿.	0 M
3	c	Candidus	20	54	Pisces	4	☽ Apog.	1
4	d	Francis	21	54		16	☽ ♌ ing	2
5	e	Apollin.	22	54		28	weather.	3
6	f	Fides	23	54	Aries	10	☌ ☌ ☍.	5
7	g	Marcus	24	53		22	Rain & cold	☽ R
8	a	Pelagius	25	53	Taur.	5	△ ♄ ☍.	4 A
9	b	16 S. aft Trin.	26	53		18	flabby we	5
10	c	Gideon	27	53	Gem.	0	Windy &	5
11	d	Burchard	28	53		13	△ ♄ ☌.	6
12	e	Colman	29	53		27	△ ☉ ☽.	7
13	f	Sun in Scorp.	0	♏ 53	Canc.	10	uncertāt	8
14	g	Calixtus	1	53		24	weather.	9
15	a	Hedwick	2	53	Leo	7	The wea.	11
16	b	17 S. aft Trin	3	53		22	becomes	12
17	c	Wolfian	4	53	Virgo	6	☽ ☍. ☽ ☌	0 M
18	d	S. Luke	5	53		21	fair & seas	2
19	e	Ptolomy	6	53	Libra	5	Somewind	3
20	f	Tref. Mich.	7	53		20	raising cl.	5
21	g	☉ ♍ Mart.	8	53	Scorp.	5	causing	☽ R
22	a	Cordula	9	53		19	rain.	4 A
23	b	18 aft. Trin.	10	54	Sagit.	3	☌ ☉ ♃.	4
24	c	Term begins	11	54		16	Dropping	5
25	d	Crispin	12	54		29	weath. still	6
26	e	Amandus	13	54	Capr.	12	but not	7
27	f	Mens Mich.	14	55		24	cold.	8
28	g	S. Si. & Jude	15	55	Aqua.	6	Fair & wa.	10
29	a	Narcissus	16	56		18	△ ☉ ♄ for	11
30	b	19 aft. Trin.	17	56	Pisces	0	☽ ☊ the	12
31	c	Wolfgang	18	57		12	☽ Ap. seas.	0 M

Sun Rises. H M.	Sun Sets. H. M.	October 1709.
		Cambridge Term begins the 10 day, and then the Proctors, Taxers and Scrutators are chosen *Magna Congregatio*, or Black Assembly, on the 25 day.
6 39	5 21	
6 41	5 19	
6 43	5 17	
6 45	5 15	
6 47	5 13	
6 49	5 11	
6 50	5 10	
6 52	5 8	
6 54	5 6	
6 56	5 4	
6 58	5 2	
7 0	5 0	
7 2	4 58	
7 4	4 56	
7 6	4 54	
7 8	4 52	
7 10	4 50	
7 12	4 48	
7	4 45	
7	4 45	
7	4 43	
7	4 41	
7 2	4 39	
7 2	4 38	
7 2	4 36	
7 2	4 35	
7 2	4 33	
7 2	4 31	
7 3	4 30	
7 3	4 28	
7 3	4 27	

TUSCANY.

COSMO III. Grand Duke of *Tuscany*, was born in the Year 1642, who succeeded his Father *Cosmo* II. in 1670. he Married *Margaret Loviſa* Daughter to *Gaſton* late Duke of *Orleans* and Uncle to the *French* King; by her he has two Sons and a Daughter, *viz. Ferdinand*, who in the Year 1688 Married *Violante Beatrix*, Siſter to *Maximilian* the preſent Elector of *Bavaria*. *Gaſton* (the next Brother) was born on the 24th day of *May*, 1671, and in *June* 1697 was Married to one of the Daughters of the Duke of *Sax-Lawenburg* at *Duſſeldorp*; and a Princeſs Married to the preſent Elector *Palatine* in the Year 1691. The Grand Duke's Brother is *Francis* Cardinal *de Medices*, who was born in the Year 1660, and made a Cardinal in 1686. *Florence* is the Capital City of the whole State, and place of abode of the Great Duke of *Tuſcany*, who reſides there in a Palace, on the Model of which *Luxemburg* at *Paris* was built. The City *Piza*, belonging alſo to this Duke, is five Miles in Compaſs, but has not a third part of the Inhabitants of the other.

Of

November hath xxx days.

Full Moon the 6 day, 10 min. paſt 7 in the morn.
Laſt quarter the 12 day, half an hour paſt noon.
New Moon the 20 day, 20 min. paſt 10 in the morn.
Firſt quarter the 28 day, 20 min. paſt 6 in the morn.

1	D	All Saints	19	57	Piſces	24	△ ♂ ☽.	1 M.
2	e	All Souls	20	58	Aries	6	□ ♀ ☽.	2
3	f	Craſt. Anim.	21	58		19	Fair & dry	4
4	g	Amantius	22	59	Taur.	1	ſome days.	5
5	a	Powder Plot	23	59		14	Overcaſt	6
6	b	20 aft. Trin.	25	0		28	for Snow	☽ R.
7	c	Florent.	26	1	Gem.	11	♂ ☌ ☿ or	4 A.
8	d	Severus	27	2		24	cold Rain.	5
9	e	Theodore	28	2	Canc.	7	Fair & fro-	6
10	f	Martin, P.	29	3		21	ſty ſome d.	7
11	g	Sun in Sagit.	0	4	Leo	5	Martlm. d.	8
12	a	Craſt. Mart.	1	5		19	△ ♄ ♂.	10
13	b	21 aft. Trin.	2	6	Virgo	3	☽ Apog.	11
14	c	Frederick	3	6		17	☽ ☌.	13
15	d	Leopold	4	7	Libra	1	Dark, clo.	1 M.
16	e	Othmarus	5	8		15	and cold	2
17	f	Anianus	6	9		24	☌ ♄ ☿.	4
18	g	Oct. Mart.	7	10	Scorp.	13	✶ ♃ ☿.	5
19	a	Elizabeth	8	11		27	ſome days.	7
20	b	22 aft. Trin.	9	12	Sagit.	11	Exp. Snow	☽ S.
21	c	Oblat. V. M.	10	13		24	or Rain	4 A.
22	d	Cecilia	11	14	Capr.	7	now about	5
23	e	Clement	12	15		20	✶ ☿ ☿.	6
24	f	Chriſogon	13	16	Aqua.	2	☌ ☿ ☽.	7
25	g	Quind. Mart.	14	17		14	Seaſonable	8
26	a	Conradus	15	18		26	weather.	10
27	b	Advent Sund.	16	20	Piſces	8	☽ ☌. ☽ ☊	11
28	c	Term ends	17	21		20	Fair & fro.	12
29	d	Saturn	18	22	Aries	2	△ ☉ ☽.	0 M.
30	e	S. Andrew	19	23		14	△ ♂ ☽.	1

Sun Rises. H.	M.	Sun Sets. H.	M.	
				The Vice-Chancellor lays down his Office the third day.
7	35	4	25	
7	37	4	23	
7	39	4	21	
7	41	4	19	
7	43	4	17	
7	45	4	15	
7	47	4	13	
7	49	4	11	
7	51	4	9	
7	52	4	8	
7	54	4	6	
7	55	4	5	
7	57	4	3	
7	59	4	1	
8	0	4	0	
8	1	3	59	
8	2	3	58	
8	3	3	57	
8	4	3	56	
8	5	3	55	
8	6	3	54	
8	7	3	53	
8	8	3	52	
8	9	3	51	
8	10	3	50	
8	11	3	49	
8	12	3	48	
8	12	3	48	
8	13	3	47	
8	14	3	46	

Of the *ROMAN* Empire.

THE late Emperor *Leopold*, who died in *April*, 1705, was Son to *Ferdinand* IV. he was born in the Year 1640, and made King of *Hungary* 1655, and of *Bohemia* 1656, and as such Elector of the Empire, elected and inaugurated Emperor in 1658, he left by his Empress *Eleonora Magdalen Theresia*, Daughter to the late Prince *Palatine* two Sons, *viz.* first *Joseph*, who was born in the Year 1678, and Crowned King of *Hungary* in 1688, he was chosen King of the *Romans* 1690, and now Emperor upon the Decease of his Father; he Married to *Wesselmina Amalia*, Daughter to *John Frederick* late Duke of *Hannover* in the Year 1699, by whom he has one Daughter living, *viz. Maria Amelia Anna Teresa Josepha*, who was born the 22d day of *October*, 1701. The second Son is *Charles* Duke of *Austria*, born in 1685, declar'd King of *Spain*, *Sept.* 12, 1703, by the name of *Charles* III. and three Daughters Archdutchesses, *&c.*

SWEDEN.

December hath xxxi days.

Full Moon the 5 day, 15 min. past 10 at night.
Last quarter the 12 day, 20 min. past 7 at night.
New Moon the 19 day, 10 min. past 11 at night.
First quarter the 28 day, half an hour past 4 in the mo

1	f	Daniel	20	24	Aries	26	☐ ♀ ☽.	3 M
2	g	Libanus	21	25	Taur.	9	△ ♂ ☽.	4
3	a	Caſſian.	22	26		22	Miſty cold	5
4	b	2 Sun. in Adv.	23	27	Gem.	5	weather.	7
5	c	Sabba.	24	28		19	Snow or	☽ R
6	d	Nicholas	25	29	Canc.	3	cold Rain	3 A
7	e	Ambroſe	26	31		17	about this	4
8	f	Concept. B.V	27	32	Leo	1	time.	6
9	g	Cyprian	28	33		15	☽ ☌ ☿.	7
10	a	Melchiad.	29	34		29	☽ Perig.	9
11	b	Sun in Capr.	☉	♑ 35	Virgo	14	Cloudy	10
12	c	Epimach.	1	36		28	but fair.	12
13	d	Lucia V.	2	38	Libra	12	☿ ☉ ♂.	0 M
14	e	Ember Week-	3	39		26	Froſty we.	1
15	f	Valerian	4	40	Scorp.	9	the cold	3
16	g	Annanias	5	41		23	increaſes.	4
17	a	Lazarus	6	42	Sagit.	7	More Sno.	6
18	b	4 Sun. in Adv.	7	44		20	✶ ♀ ☿. &	7
19	c	Loth.	8	45	Capri.	3	☐ ♃ ♀.	☽ S
20	d	Julian	9	46		15	bad weath.	3 A
21	e	S. Thomas	10	47		28	About this	5
22	f	30 Mart.	11	49	Aqua.	10	thime exp.	6
23	g	Victor	12	50		22	☌ ♄ ☉.	7
24	a	Adam & Eve	13	51	Piſces	4	☽ ☌ ſtor-	8
25	b	Chriſtm. Day	14	52		16	☽ Ap. my	9
26	c	S. Stephen	15	53		27	☌ ♄ ♃.	11
27	d	S. John	16	54	Aries	9	wet weath.	12
28	e	S. Innocents	17	55		21	The weath.	0 M
29	f	Jonathan	18	56	Taur.	3	is cold and	1
30	g	David	19	58		16	unconſtant	2
31	a	Silveſter	20	59		29	to Y's end.	4

Sun Rises.	Sun Sets.	December 1709.
H. M.	H. M.	
8 14	3 46	
8 14	3 46	
8 15	3 45	
8 15	3 45	
8 15	3 45	
8 16	3 44	
8 16	3 44	
8 16	3 44	
8 17	3 43	
8 17	3 43	
8 17	3 43	
8 17	3 43	
8 17	3 43	
8 17	3 43	
8 17	3 43	
8 16	3 44	
8 16	3 44	
8 16	3 44	
8 15	3 45	
8 15	3 45	
8 15	3 45	
8 14	3 46	
8 14	3 46	
8 13	3 47	
8 12	3 48	
8 11	3 49	
8 10	3 50	
8 9	3 51	
8 8	3 52	
8 7	3 53	
8 6	3 54	

Cambridge Term ends the 16 day.

SWEDEN.

CHARLES XII the Son of *Charles* XI. and *Ulrica Eleonora Sabina*, Sister of *Christian* V. late King of *Denmark*, was born the 17 day of *June* 1682; he succeeded his Father in the Year 1697, he is yet a Batchelor, and has two Sisters, *viz. Hedwig Sophia*, who was born in 1681, and Married to *Frederick* late Duke of *Holstein Gottorp*, by whom there is a Son named *Charles Frederick*, now Duke of *Holstein*, who was born in the Year 1700; and *Ulrica Eleonora* who was born in 1688. This King has a natural Uncle, Count *Gustavus Carelson*.

All Empires have their Rise, their Flight,
their Fall,
The Turk, the Pope, and Princes great
and small;
No wonder then if such a small Estate,
As Thine and Mine, be subject unto Fate.

Surge Jehova & Dispurgantur Inimici tui.

A Regal

A Regal Table in a more exact manner.

The Year, Month, and Day (recounting the Year to begin *Jan* 1.) whereon every King and Queen of *Eng.* since the Conquest began their Reign.					The number of Years, Months and Days, that every K. and Q. reigned 28 d. to a month.						The num of expired in thi since they beg to reign: a since they end	
K.W Conq.		1066	Octob.	14	20	y	11	m	22	d	643	
W. Rufus		1087	Sept.	9	12	y	11	m	18	d	622	K. W. Co
Henry	1	1100	Auguſt	1	35	y	4	m	11	d	609	W Rufus
Steven		1135	Decem.	2	18	y	11	m	18	d	574	Henry
Henry	2	1154	Octob.	25	34	y	9	m	2	d	555	Steven
Richard	1	1189	July	6	9	y	9	m	0	d	52	Henry
John		1199	April	6	17	y	7	m	0	d	510	Richard
Henry	3	1216	Octob.	19	56	y	1	m	0	d	488	John
Edward	1	1272	Nov.	16	34	y	8	m	6	d	443	Henry
Edward	2	1307	July	7	19	y	7	m	5	d	402	Edward
Edward	3	1327	Jan.	25	50	y	5	m	7	d	382	Edward
Richard	2	1377	June	21	22	y	3	m	14	d	332	Edward
Henry	4	1399	Sept.	29	13	y	6	m	3	d	310	Richard
Henry	5	1413	March	20	9	y	6	m	24	d	296	Henry
Henry	6	1422	Auguſt	31	38	y	6	m	16	d	287	Henry
Edward	4	1461	March	4	22	y	1	m	8	d	248	Henry
Edward	5	1483	April	9	0	y	2	m	18	d	226	Edward
Richard	3	1483	June	22	2	y	2	m	5	d	226	Edward
Henry	7	1485	Auguſt	22	23	y	10	m	24	d	224	Richard
Henry	8	1509	April	22	37	y	10	m	2	d	200	Henry
Edward	6	1547	Jan.	28	6	y	5	m	19	d	163	Henry
Q. Mary	1	1553	July	6	5	y	4	m	22	d	156	Edward
Q. Eliz.		1558	Nov.	17	44	y	4	m	15	d	151	Q. Mary
James	1	1603	March	4	22	y	0	m	3	d	107	Q. Eliz.
Charles	1	1625	March	27	22	y	10	m	3	d	84	James
Charles	2	1648	Jan.	30	36	y	0	m	0	d	60	Charles
James	2	1685	Febr.	6	4	y	0	m	0	d	24	Charles
William	3	1688	Febr.	13	14	y	0	m	22	d	20	James
Mary					6	y	10	m	15	d	7	Will. 3.
Q. Anne		1702	March	8	God grant long to Reign.							

The Uſe of the Table in Example.

King *Henry* 8 began his Reign in the Year of *Chriſt* 1509. *Apr*
He reigned 37 Years, 10 Months, and 2 days. It is ſince he b
his Reign 200 Years compleat the 22 of *April* this Year 1709.
to know the time ſince the end of his Reign before his Name b
ing on the right-hand, you ſhall there find 163 Years ſince he
Jan. 28. and ſo of the reſt.

Dove 1709.

The latter part of this

ALMANACK

For the Year of our Lord God 1709.

Being the 1*ſt*. aft. Biſſextile or Leap-year.

Wherein are contained the Eclipſes, the Suns entrance into the 4 Cardinal Signs. A Tide-Table, and a ſhort Diſcourſe of the Nature of the Planets, as alſo how to judge what Weather is likely to follow by the Sun, Moon or Stars, *&c.* A Table of Weights and Meaſures both *Engliſh* and Foreign, and of Foreign Coins, alſo Tables of Reverſion for Renewing and Purchaſing of the Leaſes of Cathedral Churches and Colleges, with other uſeful Things and Tables.

Quoniam videbo Cœlos tuos opera digitorum tuorum: Lunam & Stellas quæ tu fundaſti, quid eſt homo, quod memores ejus? aut filius hominis, quoniam viſitas eum, Pſal. 8. 3.

LONDON:
Printed by *J. Heptinſtall* for the Company of Stationers. 1709.

Of the Eclipſes for this preſent Year 1709.

THere will be only two Eclipſes this Year, and b
of them of that glorious Luminary the Sun; the
viſible in *Great Britain*, the other not.

The firſt is a viſible Eclipſe of the Sun on the 2
of *February*; it is but a ſmall Eclipſe, and happens a
following time of the day.

	H.	M.
The beginning is *Febr.* 28 day at	0	14
The middle is at	0	49
The end afternoon is at	1	28
The total duration	1	13
The Digits eclipſed — 1° 1′ 57″		
Viſible Lat. ☽ at the viſible ☌ is	28	

The ſecond Eclipſe is alſo of the Sun, on the 2
of *Auguſt* near Midnight, ſo not ſeen here, for it h
nearly in the Meridian of our Antipodes, and will
a great Eclipſe in thoſe Parts.

The Sun's entrance into the four Cardinal Sig

HE enters ♈ *March* the 9 day, 48 min. paſt 6 a
and then begins our Spring Quarter.

He enters ♋ the 10 day of *June* 42 min. paſt 6
noon, and then begins our Summer Quarter.

He enters ♎ *September* 12th, 52 min. paſt 7 in the
ing, and then begins our Autumn Quarter.

He enters ♑ *December* 10th, 10 min. paſt
and then begins our Winter Quarter.

According to *Scientia Stellarum*

Table whereby you may find the time of High water at any Havens in and about *England*, and how many ours and minutes are to be added to the time of the Moons coming to the South for the time of High water, d likewiſe what Moon makes a full Sea at thoſe Havens.

		Ho.	M.
outh nd orth	Quinborough, Southampton, Portſmouth, Iſle of Wight, Spits, Kentiſh knock.	0	0
w.	Rocheſter, Malden, Aberdeen, Redband	0	45
w.	Graveſen. Downs, Rumney, Tennet, Silly,	1	30
by S.	Dundee, S. Andr. S. Lucas Bell Iſle, Holy Iſl.	2	15
w.	Lond. Tinmout. Hartpool, Whitebay, Amſ	3	0
by w.	Barwic. Flambrough h. Bridlington-bay.	3	45
S. w	Scarboroug. Severn, Mounts-bay, Kingſale.	4	30
y S	Newcaſt. Humber, Falmouth, Dartmout.	5	15
d w.	Plimouth, Weymou. Hull, Lyn, Antwerp.	6	0
S.	Briſtol, Foulneſs, at the Start.	6	45
E.	Milford, Bridgew. Landſen. Waterford.	7	30
by E	Portlan. Peterport, Harflew, Hague, Dubl.	8	15
E.	Pool, S. Hellen, Orkney, Catnes, Man Iſle.	9	0
by S.	Needles, Laiſto, North & South foreland	9	45
E.	Yarmout. Dover, Harwich. Calice. Road.	10	30
E.	Ry, Winchelſey, Goree, Thames, Rhodes.	11	15

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	M.
16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	age
2	1	2	3	4	4	5	6	7	8	8	9	10	11	12	H.
8	36	24	12	0	48	36	24	12	0	48	36	24	12	0	M.

The Tide Table Explained.

the firſt Column you have the point of the Compaſs the which the Moon coming maketh full Sea at Havens mentioned in the ſecond Column, and in ird Column are the hours and minutes to be added time of the Moons ſouthing. I ſhall make it plain example.

The 23 of *February* this Year 1708. I would know what hour it will be Full Sea at *London*-bridge. Fi find the Moons age in the former part of the Almac (accounting it from the Change) to be 20 days old, w age I find at the bottom of the Tide-table, and under same 4 hours, is the time of the Moons coming to South, then finding in the first Column that a South Moon makes full Sea at *London*, I add to her southing hours, as is shewed in the last Column, and it m seven hours at night, the time of full Sea at *L* bridge; also observe that when the Moon cometh to contrary, or North-east point, it is there full Sea again

Note; that Land-flouds Spring-tides, and contrary w make it sooner or later about an hour.

SUpposing that there are some that do not understand Parts of the Body, that is governed by the se Signs, I thought it not amiss to explain a little the mea of the Signs, viz. in the fifth Column on the left hand in the former part of this Almanack.

Aries, head and face, *Taurus*, neck and throat, *Ca* breast and stomach, *Virgo*, bowels and belly, *Scorpio*, members, *Capricorn*, the knees, *Gemini*, arms and shou *Leo*, heart and back, *Libra* reins and loyn, *Sagittari* thighs, *Aquarius* the legs, *Pisces* the feet.

For the better understanding of the sixth Column, serve the Characters of the seven Planets; ♄ Saturn Jupiter, ♂ Mars, ☉ Sol, ♀ Venus, ☿ Mercury, ☾ L The five Aspects, ☌ a Conjunction, ✶ Sextil, □ Q til, △ Trine, ☍ Opposition, as also ☊ Dragons ☋ Dragons tail.

The signification of the Characters.

☌ A Conjunction is when two Planets or fixed are in the same Longitude of the Ecliptick.

Sextile, when they are asunder two Signs, or 60 de-
, which is the sixth part of the Ecliptick.
Quartile when they are asunder three Signs, or 90
es, which is a quarter of the Ecliptick.
Trine, when they are distant from each other 120
es, or the third part of the Ecliptick.
Opposition, when they are right opposite one to the
, or are distant 180 degrees.
in ☊ Dragons head, or ☋ Dragons tail, is at that
in the Ecliptick.
he Apogæon of the Moon, or Planet, is when they
n the slowest motion, or at the highest distance from
Earth.
he Perigæon of a Planet is when it is in its swiftest
on, and at the nearest distance from the Earth.

The Nature of the Planets.

turn is cold and dry, melancholick, and an enemy and
estroyer of the Nature and Life of man, of the day,
n, evil, and the greatest misfortune.
piter is hot and moist, Sanguine, a friend and preser-
f the life and nature of man, Masculine, and of the
and is called the greatest Fortune.
rs is immoderately hot and dry, Cholerick, Mascu-
nd of the night, evil and the less misfortune.
e Sun is moderately hot and dry, Masculine, and of
y; fortunate by Aspect, but infortunate by corporal
nction.
nus is cold and moist, temperate, flegmatick, Femi-
and of the night, of good nature, and is called the
rtune.
rcury is in all things common and imitable, he is
with the Good, and Evil with the Evil, with the
line he is Masculine, and with the feminine he is Fe-
e, Hot with the hot, and Moist with the moist, In-
ate with the infortunate or misfortunes, and for-

tunate with the fortunes, especially when he is joyned, corporally applying unto them, or beholdeth them with some good Aspect.

The Moon likewise is cold and moist, and albeit she do heat a little, yet she doth moisten more: she doth change her nature and quality according to the quarters like as the Sun doth throughout the signs of the Zodiack, and the quarters and parts of the Year: she is of Feminine, of the night, and flegmatick, and sendeth us all the Virtues and impression of the other Planets; all the influence of the higher Bodies, passing through her Circle, come finally to us.

The Head of the Dragon is in all parts like Mercury, good with the good Planets, and Evil with the evil: being joyned with good Planets, he doth increase their goodness, and with the Evil their malice.

The Tail of the Dragon is contrary to the Head, for he is Evil with the good, and Good with the evil, so that he doth diminish the malice of the evil Planets, and hinder the Goodness of the good.

How to judge what Weather will follow, by the rising and setting of the Sun, &c.

THE Sun rising bright and clear, signifieth a pleasant day. If it rise fiery red, it promiseth Rain. If at his rising he is overcast with a cloud, it betokeneth foul weather. Moreover, if at his Rising, it seem greater in the East, than usually it doth appear, it shews there are showers that will produce Rain. If at the Rising of the Sun his beams seem red, or long, or incompassed with red clouds, it foreshews Winds and Rain. If the Sun after his Rising be quickly hid behind a Black cloud, or if Vapours be seen to ascend up to it, it is a sign of Rain that day. If the Sun drive the clouds before him into the West, and look bright it betokeneth fair Weather. If at his Ri-

appear a Circle about him, and vaniſheth away e-lly; or if Miſts come down from hills, or ſeem to de-d from the Sky, it foreſheweth fair Weather. If at his ing, he be of divers colours, and there appear a thick k cloud in the Weſt, it threatneth Rain very ſoon af-If there be any circles, it ſignifieth Wind. If the cles are here and there broken, and are thick and black, k for cold Winds or Snow, the redder the circles are more vehement Winds.

How Weather is foreknown by the Moon.

f the Moon the third day after her Change, or three days before her Full, or in the midſt of her Quarter found of pure Light, nothing incompaſſing her, the ends rect up, ſhe pron iſeth fair weather; but bent to red co-ur provoketh Winds. The Moon pale or blackiſh, or mewhat thick, or having a circle about it the fourth day ter the Change, or if the tips of her Horns be blunt, d thicker than ordinary, it preſageth Rain: If ſharp and inted up upwards Winds.

Of the Judgment of the Weather by the Stars.

IT is obſerved, that if the Stars appear more bright, and ſeem to blaze, and are bigger than ordinary, that great inds, and much moiſture will follow, in thoſe parts where ey ſeem to be ſo: and in winter when they look as afore-i, great Froſts enſue, and cold Weather. Alſo when im ſtars appear, with long fiery Tails, it threatneth Winds Drought, the more in number the greater will be the ffect. Likewiſe when the ſtars ſeem to ſhoot and fall, it gnifieth great Winds in that place: If they ſhoot in di-ers places, it ſheweth divers winds. If in all places Winds, hunder and moſt tempeſtuous weather followeth.

Of divers Cities out of England, *how long t Day is there, and how far they are off f* London.

Virginia, Their longeſt day is 14 Hours and 28 minu it lieth Weſt South-weſt, 3650 miles from *Lond*

Babylon, their longeſt day is 14 Hours and 14 minute is Eaſt South-eaſt, 2710 miles from *London*.

Jeruſalem, their longeſt day is 14 Hours and 14 min it lieth South-eaſt by Eaſt, 2320 miles from *London*.

Conſtantinople, their longeſt day is 15 Hours 24 minu it is Eaſt South-eaſt, 1480 miles from *London*.

Rome, their longeſt day is 15 Hours 4 minutes, South-eaſt, 896 miles from *London*.

Liſbon, their longeſt day is 14 Hours 44 minutes, South South-weſt 776 miles from *London*.

Geneva, their longeſt day is 15 Hours 34 minutes, South-eaſt, 440 miles from *London*.

Dublin, their longeſt day is 16 Hours 44 minutes, i North Weſt and by North, 290 miles from *London*.

Edenborough, their longeſt day is 17 Hours 23 minu it lieth North North-weſt, and 386 miles from *Lond*

Paris, their longeſt day is 16 Hours 2 minutes, it l South-eaſt and by South, and 240 miles from *London*.

In all which Places aforeſaid, their longeſt Day differ not much from our longeſt day in *England*; Albeit y muſt underſtand, there are ſome places where their lon day is in length as long as many of our days and month gether. And elſewhere, their day laſteth half of the y together, without any night, and the other half of the y is all night. Yet here the old proverb is verified: longeſt day and night will have an end. And therefor wiſh heartily, that all men would remember, that wh ſoever they take in hand will have an end alſo, and the by they ſhould be wary of doing amiſs, for *Ultima ſem expectanda dies*.

value of Forreign Coins in Engliſh *money.*

	lb.	ſh.	d.
rew Talent in Gold	4500	0	0
rew Talent in Silver	375	0	0
xandrian Talent	375	0	0
ptian Talent	250	0	0
lonian Talent	218	15	0
ick Talent	187	10	0
ertium of *Rome*	7	16	3
Shekel	0	2	6
entius	0	2	6
Drachma	0	0	7½
Lubble	0	13	4
Sultany	0	7	6
Ducat	0	6	8
French Crown	0	6	6
Xeriffe	0	6	0
Six Doller	0	4	8
Floren	0	3	0
Frank	0	2	0
Livre at *Paris*	0	1	6
Gilder	0	2	0
Spaniſh Real	0	0	6
ous	0	0	1q
Turkiſh Aſper	0	0	1q
Mara dis	0	0	0q

Weights & Meaſures mentioned in Scripture.

A Shekel in weight a ¼ of an Ounce.
Shekel of the Sanctuary ½ an ounce.
A Talent 62 pounds
A Pound 12 ounces.
A Mules burthen 200 weight.
A Log half a pint.
A Hin 3 quarts.
A Bath 9 gallons 3 quarts.
A Pot or Sextary, a pint and an half.
A Meaſure or Chœnix, a quart.
A Firkin 4 Gallons and an half.
A Kab, a quart.
An Omer 3 pints & an half.
A Meaſure or Seah a gallon & an half.
An Epha, half a Buſhel and Pottle.
Half Homer or Lethec, 7 buſh. & quart.

Stivers are equal to 6 pence Sterling. 6 Stivers are a miſh ſhilling, 20 Stivers or Solds Turnois make a ter, and 120 Stivers make a Livre or pound Flemiſh, ch is reckoned equal to 12 ſhillings Sterling. The atoons are equal to 10 Dutch ſhillings or 60 Stivers; toons are equal to 48 Stivers or 8 Dutch ſhillings, 8 s make a Stiver. The weight called a Quintal is 104 d, in ſome places 108.

Of

Of Weights and Measures.

Of *Troy* Weight.

24 Grains	MAKE	1 Peny w.
20 Peny weig.	MAKE	1 Ounce
12 Ounces	MAKE	1 po. *Troy*

Apothecaries Weight.

20 Grains	MAKE	1 Scrup
3 Scruples	MAKE	1 Dram
8 Drams	MAKE	1 Ounc
12 Ounces	MAKE	1 Poun

Of *Averdupois* Weight, a Pound whereof is equal 14 Ounces, 12 peny weight *Troy*; by which Weigh weighed any thing which beareth the Name of Garbe this kind of weight.

16 Drams	MAKE	an Ounce
16 Ounces	MAKE	a Pound.
28 Pound	MAKE	1 Quar
4 Quarters	MAKE	1 Hun
20 Hundreds	MAKE	1 Tun

Of Liquid Measure.

2 Pints	MAKE	1 Quart.
2 Quarts	MAKE	1 Pottle.
2 Pottles	MAKE	1 Gallon
8 Gallons	MAKE	1 Firkin of Ale, Sope. Herrings
9 Gallons	MAKE	1 Firkin of Beer.
10 Gall. ½	MAKE	1 Firkin of Salmon or Eels.
2 Firkins	MAKE	1 Kilderkin
2 Kilderk	MAKE	1 Barrel.
42 Gallons	MAKE	1 Tierce of Wine.
2 Gallons	MAKE	1 Hogshead
63 Hogsh	MAKE	1 Pipe, Butt

Dry Measure.

2 Gallons	MAKE	1 Peck
4 Pecks	MAKE	1 Bushe
5 Pecks	MAKE	land me 1 Bush
8 Bushels	MAKE	wat. me 1 Quar
4 Quarters	MAKE	1 Chald
5 Quarters	MAKE	1 Wey

Long Measure.

3 Barly Corns	MAKE	1 Inch
12 Inches	MAKE	1 foot
3 feet	MAKE	1 Yar
3 feet 9 Inch.	MAKE	1 Ell.
6 feet	MAKE	1 fath
5 yards and ½	MAKE	1 Pole
40 Poles	MAKE	1 furl
8 furlongs	MAKE	1 En

Land Measure.

1 Pole in breadth and 40 in length make a Rood of Land
4 Roods make an Acre, wch contains 160 square Pole.

Cloath Measure.

4 Nails	MAKE	1 Quar
4 Quarters	MAKE	1 Yard.
5 Quarters	MAKE	1 Ell.
4 Quarters	MAKE	1 Ell Fl

ables of Reverſion for Renewing a Leaſe of 20 years, according to any number of years within that time Lapſed, at 12 *lb.* 6 *s.* at 11 *lb.* 11 *s.* 8 *d.* and at 6 *lb. per cent.*

The Fine for Renewing.	Years Va- for 7 y. ſed is at lb. 5 p.c.	12 *lb.* 6 *p. c.* Years	Quarters	Months	Weeks	11 *lb.* 11 *s.* 8 *p. c.* Years	Quarters	Months	Weeks	at 6 *lb. p. c.* Years	Quarters	Months	Weeks
	1	0	0	1	0	0	0	1	1	0	0	0	1
	2	0	0	2	0	0	0	2	2	0	0	1	2
	3	0	1	1	0	0	1	1	3	0	0	1	3
	4	0	1	2	3	0	1	2	0	0	1	2	0
	5	0	2	1	2	0	2	1	1	0	1	3	1
	6	0	3	0	2	0	2	2	2	0	2	0	2
	7	1	0	0	0	1	3	0	1	0	2	1	3
	8	1	0	2	3	1	0	2	2	0	2	2	0
	9	1	1	2	3	1	1	1	2	0	2	3	1
	10	1	3	0	0	1	1	2	3	0	3	0	2
	11	2	0	1	0	2	1	2	0	0	3	1	3
	12	2	1	2	0	2	2	2	1	0	3	2	0
	13	2	3	0	2	3	2	3	2	0	3	2	1
	14	3	1	0	0	3	3	0	2	0	3	3	2
	15	3	3	0	0	4	0	2	3	0	4	0	3
	16	4	1	0	3	4	1	3	0	0	4	1	0
	17	4	3	2	0	5	1	3	2	0	4	2	1
	18	5	2	1	3	5	2	3	3	0	4	3	2
	19	6	1	2	0	6	2	3	3	0	5	0	3
Total value	20	7	1	0	3	7	2	3	3	0	5	1	3

The firſt part of this Table is calculated at 12 lb. ſh. *per cent.* ſo that the time for renewing 7 years pſed is juſt one years value. The ſecond part is calculated at 11 lb 11 ſh. 8d. *per cent.* (which is the rate t is obſerved in a Leaſe of 21 years, when 1 years va-

Tables of Reverſion for Renewing a Leaſe of o years according to any number of years within that term Lapſed at 17 *lb.* 5 ſh. at 10 *lb.* and at 6 *lb. per cent.*

The Time for Renewing.	17 *lb.* 5 *s. p. c.*				10 *lb. per c.*				6 *lb. per c.*		
Y. Lapſed	Years	Quarters	Months	Weeks	Years	Quarters	Months	Weeks	Years	Quarters	Months
1	1	0	1	2	1	1	1	2	1	2	0
2	1	0	2	2	1	3	0	3	1	0	1
3	1	1	0	2	1	3	1	1	1	3	0
4	1	1	1	0	1	3	1	2	2	1	0
5	1	1	2	0	2	1	1	3	2	2	0
6	1	1	3	0	2	2	2	0	2	3	0
7	1	2	1	1	3	2	2	0	3	0	1
8	1	2	3	2	4	1	2	1	3	1	1
9	1	3	2	2	5	0	2	2	3	2	1
Total Value,	1	4	2	0	6	0	2	3	3	3	1

value is to be given for 7 Years run out) ſo that the f for renewing 7 year Lapſed according to this rate of in reſt, is 1 year, 1 month, and 2 week's value: The th part of the Table being calculated at 6 lb. *per cent.* the f for renewing 7 years Lapſed is 2 years, 2 quarters, 1 mon and 2 weeks value: and ſo as the rate of intereſt decrea the fines both for Renewing and Purchaſing increaſe.

In a Leaſe for 10 years, they uſually give 1 y value for 4 years Lapſed, and then the Tenant h 17 *lb.* 5 ſh. *per cent.* profit for his money, a Table ſhews; but if he gives 1 year, 3 quar 0 months, 2 weeks value to renew the ſame, he ha but 10 lb. *percent.* &c. So the value of a Leaſe f 10 years at 17 lb. 5 ſh. *per cent.* is 4 years 2 quart 0 months, and 1 weeks purchaſe; but at 6 lb. p

1 lb. ity to nue any ber of s under s worth edy mo-

The Reversion of 1 lb. for any number of years under 31 at 6 lb. *per cent.*

sh.	d.	Y.	sh.	d.
18	10	1	18	10
16	8	2	17	9
13	5	3	16	9
9	3	4	15	10
4	1	5	14	11
18	4	6	14	1
11	7	7	13	4
4	2	8	12	6
15	0	9	11	10
7	2	10	11	3
17	8	11	10	7
7	8	12	9	11
17	10	13	9	5
5	10	14	8	10
14	3	15	8	7
2	1	16	7	10
9	6	17	7	6
16	6	18	7	0
3	2	19	6	7
9	4	20	6	3
15	3	21	5	10
0	10	22	5	7
6	0	23	5	3
11	0	24	4	11
15	8	25	4	8
0	0	26	4	5
4	2	27	4	2
8	1	28	3	10
11	9	29	3	9
15	2	30	3	6

A Table for renewing a 21 years Leaſe.

Years paſt	Years	Quarters	Qu. of Q.
1	0	0	1
2	0	0	3
3	0	1	1
4	0	1	3
5	0	2	2
6	0	3	0
7	1	0	0
8	1	1	3
9	1	1	3
10	1	2	3
11	2	0	0
12	2	1	1
13	2	2	3
14	3	0	2
15	3	2	1
16	4	0	2
17	4	2	3
18	5	1	1
19	6	0	1
20	6	2	2
21	7	3	0

cent. it is worth above 7 years purchaſe, and at 10 lb. *per cent.* it is worth above 6 years value.

The Table for Renewing a 21 y. Leaſe is made upon the grounds of giving 1 y. value to renew 7 years lapſed, which is obſerved by Biſhops, Deans, and Chapters. Heads & Fellows of moſt Colleges in letting their Leaſes, and in ſo doing they allow their Tenants above 11 lb. *per cent.* profit for their money; ſo if 14 y. be lapſed then the Table ſhews that 3 years, & 2 quarters of a quarters value is to be given to renew the ſame at the ſame rate of intereſt, and ſo for more or fewer years lapſed.

The uſe of the Table of Reverſion of 1 lb. is thus; ſuppoſe an Eſtate is mortgaged for 20 years whoſe real value or fee-ſimple is 100 lb. then what is the Reverſion thereof worth after 20 years, for anſwer I look againſt 20 y. and find that the Reverſion of 1 lb. is but 7 ſh. then I ſay if 1 lb. give 7 ſh. what will 100 lb. give? Anſwer, 35 lb. which is the worth of the Reverſion required at 6 *per cent.*

A

A Table ſhewing how many Biſhopricks are in b Provinces of *England* and *Wales*, what Countie every Biſhoprick: How many Cities, Market-To and Pariſhes are in every Country, and how m Knights and Burgeſſes are choſen to ſerve in Pa ment in every County.

Biſhopricks.	Counties.	Cit	M T.	Par.	K.
Arch-Biſhopr. *Canterbury* *Rocheſter*	*Kent*	2	29	408	1
London	*Middleſex*,	2	4	154	
	Eſſex,	0	21	415	
	Hertford, part	0	18	120	
Lincoln	*Lincoln*	1	34	630	1
	Leiceſter	0	12	192	
	Huntington	0	6	79	
	Bedford	0	10	116	
	Buckingham	0	15	185	1
Wincheſter	*Hantſhire*	1	16	253	2
	Iſle of *Wight*	0	0		
	Garnſey & *Jerſey*	0	0		
	Surrey	0	7	140	1
Ely	*Cambridge* Iſle of *Ely*	1	9	163	
Saliſbury	*Wilts*	1	22	304	3
	Berks	0	12	140	
Chicheſter	*Suſſex*	1	16	312	2
Exeter	*Devon*	1	32	394	2
	Cornwall	0	21	161	4
Bath and *Wells*	*Somerſet*	3	30	385	1
Norwich	*Norfolk*	1	26	668	1
	Suffolk	0	28	464	1
Worceſter	*Worceſter*	1	11	152	
	Warwick ſh. part	1	15	158	
Coventry and *Litchfield*	*Stafford*	1	18	130	1
	Darby	0	9	106	
	Salop part.	0	14	170	1

reford	Hereford	1	8	176	8
ford	Oxford	1	13	280	9
ucester	Glouceſter	1	25	280	8
terborough	Northampton	1	13	326	9
	Rutland	0	2	48	2
iſtol	Dorſetſhire	3	19	218	20
	Pembrook	0	8	145	3
	Caermarthen	0	8	87	2
Davids	Cardigan	0	4	64	2
	Brecknock	0	4	61	2
	Radnors	0	3	52	2
ndaffe	Glamorgan part	0	8	118	2
	Munmouth	0	7	127	3
	Montgom.	0	6	47	2
	Denbigh	0	4	57	2
Aſaph	Flint & Merioneth part	0	2	28	2
		0	3	37	1
	Carnarvan	0	6	68	2
ngor	Angleſey	0	2	74	2

The Province of *York*.

rk Arch-Biſ.	Nottingham	0	9	168	6
	York part.	1	48	563	29
	Cheſter	1	13	68	4
	Lancaſter	0	26	61	14
eſter	Flint part.	0			
	Denbigh part.	0			
	Cumberland part.	1	15	58	6
rliſle	Weſtmorland	0	8	26	4
	Durham	1	6	118	4
urham	Northumberl.	0	6	46	8

FINIS.